

Application Number 09/963,806

Amendment in Response to Office Action mailed January 4, 2005

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 2, lines 16-19, with the following amended paragraph:

Certain embodiments of the invention may involve encoding numeric address information using a ~~an~~-markup language, such as XML. XML is one example of a ~~an~~-markup language in the class encompassed by the Standard Generalized Markup Language (SGML) specification, and will be described herein for purposes of illustration.

Please replace the paragraph at page 4, line 28, to page 5, line 15, with the following amended paragraph:

Router 10 ~~[[4]]~~ may include, or be used in conjunction with, some form of computer-readable media. By way of example, and not limitation, computer readable media may comprise computer storage media and/or communication media. Computer storage media includes volatile and nonvolatile, removable and nonremovable media implemented in any method or technology for storage of information such as processor-readable instructions, data structures, program modules, or other data. Computer storage media includes, but is not limited to, random access memory (RAM), read-only memory (ROM), EEPROM, flash memory, CD-ROM, digital versatile discs (DVD) or other optical storage, magnetic cassettes, magnetic tape, magnetic disk storage or other magnetic storage devices, or any other medium that can be used to store the desired information and that can be accessed by router 4. Communication media typically embodies processor readable instructions, data structures, program modules, or other data in a modulated data signal, such as a carrier wave or other transport medium and includes any information delivery media. The term "modulated data signal" means a signal that has one or more of its characteristics set or changed in such a manner as to encode information in the signal. By way of example, and not limitation, communication media includes wired media, such as a wired network or direct-wired connection, and wireless media, such as acoustic, RF, infrared,

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and other wireless media. Computer readable media may also include combinations of any of the media described above.

Please replace the paragraph at page 5, line 26, to page 6, line 4, with the following amended paragraph:

As examples, routing engine 14 may include a chassis module 26, a device configuration module 28, and a routing protocol module 30 running as processes within the operating environment of operating system 24. A management server module 32 provides a user interface for interaction with system modules 26, 28, 30. Chassis module 26 24 defines an inventory and status of components installed in the chassis of network router 10, including IFCs 18. Device configuration module 28 defines and controls the physical configuration of network router 10. Routing protocol module 30 administers protocols supported by network router 10. For example, routing protocol module 30 may implement protocols for exchanging route information with other routing devices and for updating routing table 21 (shown in FIG. 1).